

OCD-HOBBS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Rcvr, Other _____

2 Name of Operator **COG Operating LLC**

3 Address **550 W. Texas, Suite 1300 Midland, TX 79701** 3a Phone No (include area code) **432-685-4332**

4 Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **1650 FNL & 2020 FWL, Unit F**
At top prod interval reported below
At total depth

5 Lease Serial No **LC-029405A**

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No

8 Lease Name and Well No **BC Federal #14**

9 AFI Well No **30-025-38366**

10 Field and Pool, or Exploratory **Wildcat**
Maljamar: Paddock **yeso (97633)**

11 Sec, T, R, M, on Block and Survey or Area **Sec 20, T17S, R32E**

12 County or Parish **Lea** 13 State **NM**

14 Date Spudded **06/15/2007** 15 Date T D Reached **06/27/2007** 16 Date Completed **07/23/2007**
☐ D & A ☒ Ready to Prod

17 Elevations (DT, RKB, RT, GL)* **3986 GL**

18 Total Depth **MD 6985** 19 Plug Back T D **MD 6966** 20 Depth Bridge Plug Set **MD**
TVD **TVD** **TVD**

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
CN / HNGS, Micro CFL / HNGS

22 Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17-1/2	13 3/8	48#	717			750		Surface	Circ 172
12 1/4	8-5/8	32#	2150			900		Surface	Circ 243
7-7/8	5-1/2	17#	6979			1325		Surface	Circ 113

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	6745.64							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Maljamar: Paddock			5938 - 6219	2 SPF	31	Open
B)			6466 - 6730	2 SPF	32	Open
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5938 - 6219	2,500 gals acid, Frac w/74,046 gals gel, 15,160# Siber Prop, 75,000# 16/30 sand.
6466 - 6730	2,500 gals acid, Frac w/87,776 gals gel, 76,000# 20/40 sand, 15,220# 16/30 sand.

28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
07/25/2007	07/26/2007	24	→	132	252	140	35.4		Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Producing

28a Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

ACCEPTED FOR RECORD

AUG 13 2007

JERRY FANT
PETROLEUM GEOLOGIST

*(See instructions and spaces for additional data on page 2)

Cut

dm

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
YATES 7 RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA YESO	2038 2405 3016 3412 3787 5255 5355				

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes

- ☒ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Kanicia CarrilloTitle Regulatory AnalystSignature K. CarrilloDate 08/09/2007

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction